

Length-weight relationship of *Trachurus trachurus* from the Gulf of Trieste, sampled from 22.6.1998 to 18.12.2012 (n = 126, length range from 4.9 cm to 30.8 cm)

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 Data source: **BIOS, Fisheries Research Institute of Slovenia**
 Analysed on: **5.11.2013**
 Country: **SVN**
 Species: ***Trachurus trachurus***
 Length type: **TLmax**
 Season: **combined**
 Sex: **mixed**
 Specimen condition: **fresh**
 Sampled from: **22.6.1998**
 Sampled to: **18.12.2012**
 n: **126**
 L min: **4.9 cm**
 L max: **30.8 cm**
 Data transformation: **natural logarithm**
 a: **0.011426207**
 b: **2.868185131**

DATA ANALYSIS	Ref#
Linear regression analysis by using the "least squares" method.	6063
SELECT CONDITIONS	NOTES
WHERE (((public_vt_specimen.taxon_id)=1077) AND ((public_vt_specimen.specimen_condition_id)=3) AND ((public_vt_specimen.balance1_id) Is Not Null And (public_vt_specimen.balance1_id) Not In (1,2)) AND (((bm1_mm)/10) Is Not Null) AND ((public_vt_specimen.specimen_mass_g) Is Not Null) AND ((public_vt_specimen.specimen_no)=1) AND ((public_vt_sampling.country_id)=193))	

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.993328271
R Square	0.986701055
Adjusted R Square	0.986593805
Standard Error	0.078377811
Observations	126

ANOVA

	df	SS	MS	F	Significance F
Regression	1	56.51664049	56.51664049	9200.047773	3.4189E-118
Residual	124	0.761742068	0.006143081		
Total	125	57.27838256			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-4.471845713	0.071293525	-62.7244301	8.61849E-96	-4.612955567	-4.330735859	-4.612955567	-4.330735859
X Variable 1	2.868185131	0.029902819	95.9168795	3.4189E-118	2.808999076	2.927371187	2.808999076	2.927371187

